

In the Claims:

Please amend claims 1-4 as follows.

1. (Currently Amended) A communication system utilizing two-wire type transmission lines for transmitting a transmission signals in opposite phase signal represented by two AC components being opposite in phase appearance, comprising:

a plurality of nodes respectively connected to said two-wire type transmission lines; ~~and~~

~~a terminating resistor incorporated in each of said nodes~~, each of said nodes having a low pass filter connected to said transmission lines, and two terminating resistors respectively terminating said transmission lines via said low pass filter.

2. (Original) A communication system according to Claim 1, wherein said terminating resistor comprises a first terminating resistor for supplying a first predetermined potential to one of said two-wire type transmission lines and a second terminating resistor for supplying a second predetermined potential to the other of said two-wire type transmission lines.

3. (Currently Amended) A communication system according to Claim 1, each of said nodes comprising a reception circuit for receiving said transmission ~~signals~~ signal, said reception circuit comprising:

an AC coupling circuit for extracting said AC components ~~in a~~ from said transmission ~~signals~~ signal ~~input through~~ on said transmission lines;

a bias circuit for applying a bias voltage to the ~~signal output from~~ AC components extracted by said AC coupling circuit; and

a clip circuit for clipping the level of ~~a signal output from said bias circuit associated with each of said two-wire type transmission lines~~ each of the extracted AC components.

AP
Cont

4. (Currently Amended) A reception circuit for receiving a transmission signal represented by two AC components being opposite in phase and appearing in a communication system utilizing two-wire type transmission lines ~~for transmitting transmission signals in opposite phases~~, comprising:

an AC coupling circuit for extracting said AC components ~~in a transmission signal input through~~ from said transmission lines;

~~a bias circuit~~ two bias circuits being independent from each other and each for applying a bias voltage to ~~a signal output from~~ each of the AC components extracted by said AC coupling circuit; and

~~a clip circuit~~ two clip circuits being independent from each other and each for clipping the level of ~~a signal output from said bias circuit associated with each of said two-wire type transmission lines~~ each of the biased AC components at levels between a potential and a ground level.

Please add claim 5 as follows.

5. (New) A reception circuit according to Claim 4, wherein each of said clip circuit comprises:

a resistor having one terminal connected to a reference potential;

a bias current supply circuit for supplying a fixed bias current to said resistor; and

a diode connected between the other terminal of said resistor and an output line of said AC coupling circuit.
